



GEORGIA FIREFIGHTER STANDARDS AND TRAINING



FIREFIGHTER 2

Objective(s) 6.3.3

Primary Task: CONTROLS A FLAMMABLE GAS CYLINDER FIRE

Skill No. PCFC-1

PERFORMANCE EVALUATION & INSTRUCTIONS SHEET

TEAM LEADER

INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with a structure with a flammable gas cylinder or a reasonable simulation.
2. The candidate shall be given two 1-1/2" or 1-3/4" attack lines with nozzles attached.
3. The candidate shall be given the instructions below before beginning the exercise.

INSTRUCTIONS TO THE CANDIDATE

"The candidate, operating as a member of a team and given a flammable gas cylinder, shall demonstrate the procedures for extinguishing a flammable gas cylinder fire."

- ◆ 1. Wears full personal protective equipment.
- 2. Selects the location from which to begin the attack, upwind, uphill & from the side of the cylinder, if possible.
- ◆ 3. Coordinates within the Incident Management System.
- ◆ 4. Assumes position between two attack lines.
- ◆ 5. Coordinates actions of each attack line and directs the advance on the cylinder.
- ◆ 6. Observes effect of fire streams on any fire and/or leaking fuel.
- ◆ 7. When the cylinder is reached & the valve is isolated, directs the valve firefighter to shut off the valve.
- 8. Ensures that firefighters holding the nozzles extinguish any remaining fire & continue to cool the tank
- 9. Coordinates actions of each attack line and directs the withdrawal from the cylinder.

◆ **Critical Step** - Failure on this step mandates failure on the entire objective!

SAFETY IS PARAMOUNT!!

Total steps candidate must complete to Pass

7

Prevent or prohibit any unsafe acts.

Contact the Monitor at any time with any questions you may have.

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PERFORMANCE EVALUATION & INSTRUCTIONS SHEET

SHUTOFF VALVE NOZZLEMAN

INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with a structure with a flammable gas cylinder or a reasonable simulation.
2. The candidate shall be given two 1-1/2" or 1-3/4" attack lines with nozzles attached.
3. The candidate shall be given the instructions below before beginning the exercise.

INSTRUCTIONS TO THE CANDIDATE

"The candidate, operating as a member of a team and given a flammable gas cylinder, shall demonstrate the procedures for extinguishing a flammable gas cylinder fire."

- ◆ 1. Wears full personal protective equipment.
- ◆ 2. Selects the appropriate hose and nozzle.
- ◆ 3. Adjusts nozzle to straight stream and cools the cylinder from a distance until the relief valve resets.
- ◆ 4. Begins to move forward on command from the team leader.
- ◆ 5. Continues to cool the top of the tank, progressively widening the nozzle pattern as the team advances, going to full fog approximately ten feet from the cylinder.
- ◆ 6. Stops approximately three feet short of the cylinder.
- ◆ 7. On command from the team leader, pivots the nozzle to uncover the shutoff valve.
- ◆ 8. On command from the team leader, pivots the nozzle back perpendicular to the cylinder once the valve is shut.
- ◆ 9. On command from the team leader, begins to back away from the tank, progressively narrowing the nozzle pattern as the team withdraws.

◆ **Critical Step** - Failure on this step mandates failure on the entire objective!

SAFETY IS PARAMOUNT!!

Total steps candidate must complete to Pass

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PERFORMANCE EVALUATION & INSTRUCTIONS SHEET

RELIEF VALVE NOZZLEMAN

INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with a structure with a flammable gas cylinder or a reasonable simulation.
2. The candidate shall be given two 1-1/2" or 1-3/4" attack lines with nozzles attached.
3. The candidate shall be given the instructions below before beginning the exercise.

INSTRUCTIONS TO THE CANDIDATE

"The candidate, operating as a member of a team and given a flammable gas cylinder, shall demonstrate the procedures for extinguishing a flammable gas cylinder fire."

- ◆ 1. Wears full personal protective equipment.
- ◆ 2. Selects the appropriate hose & nozzle.
- ◆ 3. Adjusts nozzle to straight stream and cools the cylinder from a distance until the relief valve resets.
- ◆ 4. Begins to move forward on command from the team leader.
- ◆ 5. Continues to cool the top of the cylinder, progressively widening the nozzle pattern as the team advances, going to full fog approximately ten feet from the cylinder.
- ◆ 6. Stops approximately three feet short of the cylinder.
- ◆ 7. Protects the team by maintaining wide fog pattern perpendicular to the cylinder as the other nozzleman pivots to uncover the shutoff valve.
- ◆ 8. On command from the team leader, extinguishes any remaining fire around the cylinder.
- ◆ 9. On command from the team leader, begins to back away from the cylinder, progressively narrowing the nozzle pattern as the team withdraws.

◆ **Critical Step** - Failure on this step mandates failure on the entire objective!

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Total steps candidate must complete to Pass

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PERFORMANCE EVALUATION & INSTRUCTIONS SHEET

VALVE SHUTOFF FIREFIGHTER

INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with a structure with a flammable gas cylinder or a reasonable simulation.
2. The candidate shall be given two 1-1/2" or 1-3/4" attack lines with nozzles attached.
3. The candidate shall be given the instructions below before beginning the exercise.

INSTRUCTIONS TO THE CANDIDATE

"The candidate, operating as a member of a team and given a flammable gas cylinder, shall demonstrate the procedures for extinguishing a flammable gas cylinder fire."

- ◆ 1. Wears full personal protective equipment.
- ◆ 2. Positions himself/herself approximately three feet behind the shutoff valve nozzleman, on the opposite side of the hose.
- ◆ 3. Keeps hose secure to allow nozzleman freedom of movement.
- ◆ 4. Begins to move forward on command from the team leader.
- ◆ 5. Stabilizes hose as the team moves forward.
- ◆ 6. On command from the team leader, helps pivot the hose to uncover the shutoff valve.
- ◆ 7. On command from the team leader, moves around the nozzleman and with his/her back to the cylinder, shuts off the valve.
- ◆ 8. On command from the team leader, helps pivot the hose back to perpendicular position from the cylinder.
- ◆ 9. On command from the team leader, pulls slack hose to keep nozzleman from tripping.

◆ **Critical Step** - Failure on this step mandates failure on the entire objective!

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BACKUP FIREFIGHTER

INSTRUCTIONS TO THE MONITOR/EVALUATOR

1. The candidate shall be provided with a structure with a flammable gas cylinder or a reasonable simulation.
2. The candidate shall be given two 1-1/2" or 1-3/4" attack lines with nozzles attached.
3. The candidate shall be given the instructions below before beginning the exercise.

INSTRUCTIONS TO THE CANDIDATE

"The candidate, operating as a member of a team and given a flammable gas cylinder, shall demonstrate the procedures for extinguishing a flammable gas cylinder fire."

- ◆ 1. Wears full personal protective equipment.
- ◆ 2. Positions himself/herself approximately three feet behind the relief valve nozzleman, on the same side of the hose.
- ◆ 3. Keeps hose secure to allow nozzleman freedom of movement.
- ◆ 4. Begins to move forward on command from the team leader.
- ◆ 5. Stabilizes hose as the team moves forward and stops at the cylinder.
- ◆ 6. On command from the team leader, pulls slack hose to keep nozzleman from tripping.

◆ **Critical Step** - Failure on this step mandates failure on the entire objective!

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Total steps candidate must complete to Pass

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